

Date: Mon, 30 May 94 11:09:08 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #593
To: Info-Hams

Info-Hams Digest Mon, 30 May 94 Volume 94 : Issue 593

Today's Topics:

 "for ID" (long)
 440 in So. Cal. (2 msgs)
 CEPT licenses in East Europe?
 Closed Repeaters (HAM probs)
 Ham Radio few problem (3 msgs)
 Ohio/Penn DX Bulletin #160
 Searching for K4KTD aka Holmes Eubanks
 Shops in WA
 Six meter HT (2 msgs)

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 30 May 1994 10:29:14 -0700
From: ihnp4.ucsd.edu!usc!elroy.jpl.nasa.gov!netline-fddi.jpl.nasa.gov!nntp-
server.caltech.edu!news.claremont.edu!kaiwan.com!not-for-mail@network.ucsd.edu
Subject: "for ID" (long)
To: info-hams@ucsd.edu

Hi Joe,

Amateur Radio is a fraternity of people with similar skills and
interests. Signals such as "QSY" and "73" can be compared to the secret
handshake that other fraternities enjoy.

In the late 1970's, early 1980's, police departments -- in response to
prevailing opinions by the Associated Public-Safety Communications

Officers (APCO) organization -- began to prohibit 10-codes from their radio channels because clear text was more understandable and efficient. The concluded, quite correctly, that no-one was being fooled by the police codes and there was no logical reason to use them. The transition was short-lived, however, as the officers "in the trenches" liked the old codes. They didn't disagree with any of the reasoning, they just liked to use them.

I think we're stuck with "73" and "QSY" for along time. I don't think you'll find many people to disagree that there are more efficient ways of communicating, but I don't think you'll find many people ready to switch either.

--

____[Robb Topolski]____[San Clemente, CA]____[topolski@kaiwan.com]____

Date: Mon, 30 May 1994 11:14:50 GMT
From: ihnp4.ucsd.edu!swrinde!sgiblab!brunix!pstc3.pstc.brown.edu!
md@network.ucsd.edu
Subject: 440 in So. Cal.
To: info-hams@ucsd.edu

vanwag@netcom.com (George Van Wagner) writes:

> Of over 350 pairs listed in So.Cal. in last years ARRL Repeater Guide,
> there were only 32 open repeaters. What a waste of frequency. The only
> open repeater I have been able to find that I can reach is on 446.650.
> Sometimes I wonder why I have a dual band.

I realize this may be a novel concept, but have you actually ever bothered to listen to some of these "closed" repeaters, find one which you like, and write to the repeater trustee asking for information on how to join the repeater?

Closed repeaters != cliques. Many machines are "closed" for members only. Repeater are expensive to put up and maintain - often several thousand dollars per year.

Of course, I can understand where your objection comes from. Its that welfare-state mentality creeping into the hobby again. "Whaddya mean PAY for access to a repeater?!?!? I'm BREATHING, aren't I? Its my right!"

Sorry, as a repeater trustee for one of the unofficial Brown Radio

Club's repeaters, I spend hundreds, if not thousands, of dollars each year maintaining the repeater. While I don't mind spending the money, I'm not going to allow the repeater to become a cesspool like some repeaters in the area are becoming. Therefore, the repeater is "closed".

However, just because it is "closed" doesn't mean you can't get on it and use it. All you need to do is ask me. If you're polite and a good operator, then okay. (And yes, Dan, I even allow no-code techs on. In fact, they are the single largest group, by license class.) If you're a lid looking for a free ride because you've been drummed off every other repeater in the state, expect to be told to take a hike. In two years, I have only thrown off 1 person (N1JBC, Edwin Barton, a kid from an affluent section of RI who was caught jamming several other 2 meter machines in addition to mine) and have denied access to 2 others.

None of this changes the implications of the FCC's letter earlier this year. It was clearly affirmed that any repeater trustee can restrict access to his/her repeater. This implies that ALL repeaters are in fact "closed". There is no such thing as an "open" repeater. You are operating there at the invitation and goodwill of the trustee, and your operating privs can be revoked at any time.

MD

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-- Michael P. Deignan
-- Amalgamated Baby Seal Poachers Union, Local 101
-- "Get 'The Club'... Endorsed by Baby Seal poachers everywhere..."

Date: 30 May 1994 10:38:41 -0700
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!usc!
elroy.jpl.nasa.gov!netline-fddi.jpl.nasa.gov!nntp-server.caltech.edu!
news.claremont.edu!kaiwan.com!not-for-mail@network.ucsd.
Subject: 440 in So. Cal.
To: info-hams@ucsd.edu

You can't appreciate the situation here until you've operated here. I wish I had a way to scan you guys the pages of the 440 repeater "guide" here -- very very few open systems and THEY ARE ALL PUT ON THE SAME HALF-DOZEN PAIRS WITH DIFFERENT PL'S!!!! It's awful. We have renegades fighting the coordinating body and I don't blame them one bit.

Half of the coordinated repeaters only exist on paper.

Don't blame any So.Cal. operator for being pissed as hell at the 440

situation. It stinks to high heaven.

--

____[Robb Topolski]____[San Clemente, CA]____[topolski@kaiwan.com]____

Date: 30 May 1994 16:02:07 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!EU.net!julienas!sophia.inria.fr!
zig.inria.fr!jmhertz@network.ucsd.edu
Subject: CEPT licenses in East Europe?
To: info-hams@ucsd.edu

As far as my knowledge goes, the recommendation of the CEPT concerning radio amateur licenses is applied in the following *East* European countries:
Estonia, Romania, Slovakia, Czechia, and Hungary
(according to a list in CQ DL 7/93 which is very useful for the purposes of a radio amateur who also enjoys traveling very much)

Are there now other countries who have in the meantime applied this CEPT recommendation, to?

I'd like to have especially information on Poland, Lithuania, Lettonia, and Slovenia.
Any hints welcome, whether citations from journals or addresses in the countries where one might write to in order to get such information.

73 de F/DG0LFH
Jan-Martin

Date: Mon, 30 May 1994 11:17:48 GMT
From: ihnp4.ucsd.edu!swrinde!sgiblab!brunix!pstc3.pstc.brown.edu!
md@network.ucsd.edu
Subject: Closed Repeaters (HAM probs)
To: info-hams@ucsd.edu

mont@netcom.com (Mont Pierce) writes:

> Wait wait wait.... I have a question then.... Are you saying that a
> frequency can be owned because someone has a sanctioned repeater on
> it?

No, that's not what I said, and that's not what the FCC said in their letter. If you are thrown off a repeater, however, and continue to operate simplex on the repeater input and/or output, expect to have malicious interference complaints filed against you.

MD

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-- Michael P. Deignan
-- Amalgamated Baby Seal Poachers Union, Local 101
-- "Get 'The Club'... Endorsed by Baby Seal poachers everywhere..."

Date: Mon, 30 May 1994 10:55:15 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!wupost!csus.edu!netcom.com!
rogjd@network.ucsd.edu
Subject: Ham Radio few problem
To: info-hams@ucsd.edu

Michael P. Deignan (md@pstc3.pstc.brown.edu) wrote:

: rogjd@netcom.com (Roger Buffington) writes:

: > I can assure you that in Southern California we take as dim a view of
: > jammers as is done anywhere else. Fortunately, the problem is manageable
: > and the jammers are reasonably few. T-hunting is big in our area, and
: > often if a jammer gets too out of hand he gets tracked down and
: > identified. These creeps tend to lose their enthusiasm for jamming when
: > they know that others know who they are.

: In a recent conversation with a fellow ham out in CA, KD1NR, a
: fellow ham in this area, exchanged information regarding how we have
: caught a jammer with hard evidence and nobody will do anything about
: it. Apparently, from his conversation, it would appear that similar
: incidents occur on a regular basis out in CA, with even professional
: RF folks at NASA doing jammer hunting with \$100k+ equipment, only to
: bag people and have nothing done at all about it.

: Perhaps your glasses are a little too rose colored, Roger?

See, now that's the kind of comment that does not contribute to
meaningful dialogue.

Oh for God's sake, who's saying we're perfect? We aren't, ask us! The fact is though, that except for the crud magnet repeaters, of which there are a couple, jammers are not common. I operate almost 2 hours a day on 2 meter FM repeaters during my commute, and maybe run into a jammer once or twice a month. That's not gossip or hearsay, old chap. That's a fact.

Perhaps you are focusing on hearsay and gossip rather than experience?
The NASA \$100K equipment story sounds more made-up than anything else.

As far as FCC enforcement goes, I'll agree that it leaves a bit to be desired. It is my understanding that the FCC tends to focus on HF jamming and violations, for obvious reasons.

: MD
: --
: -- Michael P. Deignan
: -- Amalgamated Baby Seal Poachers Union, Local 101
: -- "Get 'The Club'... Endorsed by Baby Seal poachers everywhere..."
: --

rogjd@netcom.com
Glendale, CA
AB6WR

Date: Mon, 30 May 1994 11:28:43 GMT
From: ihnp4.ucsd.edu!swrinde!sgiblab!brunix!pstc3.pstc.brown.edu!
md@network.ucsd.edu
Subject: Ham Radio few problem
To: info-hams@ucsd.edu

rogjd@netcom.com (Roger Buffington) writes:

> See, now that's the kind of comment that does not contribute to
> meaningful dialogue.

I believe its a valid question. Perhaps you are too close to the situation, and your expectations are such that you are unwilling or unable to see how things have deteriorated.

Then again, maybe the repeater(s) you frequent don't have the problems I've encountered in two dozen states.

> Perhaps you are focusing on hearsay and gossip rather than experience?

Nope, those are my experiences. Sorry they differ from yours. Perhaps its simply a matter of perspective. How long have you been involved in ham radio? I've been around it for a decade, so perhaps my expectations are based upon what I thought ham radio was, or what I expected it to be, when I was introduced to it a decade ago.

> The NASA \$100K equipment story sounds more made-up than anything else.

Well, since I've never known KD1NR to lie, nor have I known the person he spoke with (someone who posts here infrequently) to lie either, I have no reason to assume its "made up".

MD

--

-- Michael P. Deignan
-- Amalgamated Baby Seal Poachers Union, Local 101
-- "Get 'The Club'... Endorsed by Baby Seal poachers everywhere..."

Date: Mon, 30 May 1994 15:12:02 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!wupost!csus.edu!netcom.com!
rogjd@network.ucsd.edu
Subject: Ham Radio few problem
To: info-hams@ucsd.edu

Michael P. Deignan (md@pstc3.pstc.brown.edu) wrote:
: rogjd@netcom.com (Roger Buffington) writes:

: I believe its a valid question. Perhaps you are too close to the
: situation, and your expectations are such that you are unwilling or
: unable to see how things have deteriorated.

On the other hand, perhaps you are too prone to complain rather than simply enjoy the hobby. I travelled for years on business to virtually every major city in the 48 States, and the only place I was flat-out unable to enjoy the hobby was New York City. I'll agree that the hobby there has attracted an inordinate share of jammers. Everywhere else I found the 2 meter repeater scene to be friendly and in good order.

Forgive me, but I think my powers of observation are as good as yours. :-)

: Then again, maybe the repeater(s) you frequent don't have the problems
: I've encountered in two dozen states.

Encountered, or been plagued by? We all encounter jammers if we work 2 meters long enough. Are you telling me that it was so bad that your enjoyment of the hobby was seriously inhibited. That strains credibility past the breaking point.

: > Perhaps you are focusing on hearsay and gossip rather than experience?

: Nope, those are my experiences. Sorry they differ from yours. Perhaps
: its simply a matter of perspective. How long have you been involved in
: ham radio? I've been around it for a decade, so perhaps my expectations

: are based upon what I thought ham radio was, or what I expected it to
: be, when I was introduced to it a decade ago.

Well, let's see. I was first licensed in 1966. Guess that makes it 28
years. (Got my Advanced in 67 (or was it 68? Can't remember any more :-)
) . In those days there were only a couple of repeaters in LA. They got
jammed now and again. We still enjoyed the hobby though. Just like now.

As for your expectations a decade ago: Maybe you just expected a perfect
world and are frustrated when it contains the usual quota of rogues? Life
does have a way at times of not measuring up to expectations! :-)

: > The NASA \$100K equipment story sounds more made-up than anything else.

: Well, since I've never known KD1NR to lie, nor have I known the person
: he spoke with (someone who posts here infrequently) to lie either, I
: have no reason to assume its "made up".

The NASA deal sounds hokey to me. But if someone represents that it
happened, then I'll accept it. But normally the guys that to the RDF in
LA have the standard loop antenna and simple good operating skills. Not
\$100K NASA super dooper gizmo doodads. (Just like everywhere else.)

: MD

: --

: -- Michael P. Deignan

: -- Amalgamated Baby Seal Poachers Union, Local 101

: -- "Get 'The Club'... Endorsed by Baby Seal poachers everywhere..."

--

rogjd@netcom.com
Glendale, CA
AB6WR

Date: Sun, 29 May 1994 14:13:03 -0600

From: tribune.usask.ca!quartz.ucs.ualberta.ca!alberta!ve6mgs!usenet@decwrl.dec.com

Subject: Ohio/Penn DX Bulletin #160

To: info-hams@ucsd.edu

SB DX @ ALLBBS \$OPDX.160

Ohio/Penn DX Bulletin No. 160

The Ohio/Penn Dx PacketCluster

DX Bulletin No. 160

BID: \$OPDX.160

May 30, 1994

Editor Tedd Mirgliotta, KB8NW

Provided by BARF-80 BBS Cleveland, Ohio

Online at 216-237-8208 14400/9600/2400/1200/300 8/N/1

Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network, 4X/OK1FGC, HH9HH, DF4RD, DL7VEE & DXNL, NA2M, K4CEF & Southeastern Cluster Group, W5HVV, KD8V and NE8Z for the following DX information.

5A, LIBYA. There are reports of a planned operation in Libya by a group of Japanese amateurs led by Ajiro, JA2JPA. No official date has been set (but a June 10th window was mentioned), but equipment has been shipped to Libya and the QSL cards are already printed. The planned operation has a United Nations agency sponsorship. There was an oral permission to operate but the operation will not take place until the written authorization is received. KYFC! Meanwhile, a pirate has been operating as 5A/JA1MA0. Don't waste your time, JA1MA0 is home in Japan.

A5, BHUTAN. According to Rod (W5HVV), Jim Smith's trip to A5 is still in the making. Rod spoke with Jim on May 23rd and his comments were that he has an excellent relationship with the Bhutanese communications services and was awaiting a reply from them very soon regarding a license for operation in Bhutan. He is not sure if the callsign will be A51JS, which he used on his last trip, or if they will assign him a new call. Jim will pass along his latest plans via INDEXA and the bulletins as soon as his plans firm up and he has a date for the trip.

EU, EGYPT. In Cairo, Pavel, OK2FUN, (member of the Czech Embassy) was able to obtain an official Egyptian licence (which is rare for foreign visitors) with the callsign SU1KR just for the CQ WW WPX CW Contest this past weekend. QSL via OK2EC. Pavel's length of stay is unknown at this time, but it was reported he will be using SU1/OK2FUN (also SU1STAR). He will be active on all bands, excluding 160 meters. His 160 meters antenna is not operational as of yet.

H4, SOLOMON ISLANDS. Mako, JA10EM, is active as H44/JA10EM and will be going QRT June 10th. Be looking for Mako on 30 and 40 meters CW (send very SLOW) between 1030 and 1430z or 0715 and 0900z. He has also been heard on 3788/3798 kHz SSB around 1300 to 1345z.

HL, SOUTH KOREA. Harry, HL9HH/KJ6YR, informs OPDX that he will be looking for the next two weeks for the following states on 40 and 80 meters for his WAS (Worked All States) award:

40 meters - IN, MS, NM, ND, SD, and NE on 7002 or 7009 kHz

80 meters - IN, WI, MS, IA, ND, SD, and NE on 3502 or 3509 kHz

His operating hours will be 1030 to 1200z every day and he will

alternate between the two bands giving priority to 80 meters. Harry states that anything above 25 kHz on these bands is heavily occupied by JA phone operators. Also, Harry says to PLEASE be patient because the noise level at his QTH is "VERY HIGH." Harry states he will move his interest to the East Coast in late summer. To arrange for a sked with Harry, send E-Mail to his InterNet address (hherr@emh.osan.af.mil) QSL to Harry HL9HH, PSC 3 Box 3695, APO AP 96266-3695 (new zip code).

JY, JORDON. Now until June 27th, five English and one Germany operator will be active from JY-land. Activity will be mainly on 6 meters, but the group will have HF equipment with them. Listen for JY8ED/G3SED, JY8JH/G0JHC, JY8IC/GJ4ICD, JY8OX/G3K0X, JY8VA/DL7AV and JY8ZC/G4CCZ. QSL to their home callbook address.

PACIFIC DXPEDITIONS. Yar1, SM6FJY, who is currently in Angola until June 5th, will be active from the Mariana Islands (KH0), June 13-26th. >From June 27th to July 10th, Yar1 will be active from Guam (KH2). From July 11-24th, Yar1 be in Belau (KC6). After the Belau operation, Yar1 will return to Angola and will stay there until August 18th.

UPCOMING ISLAND ACTIVITY. Dr. Rick Dorsch will be active this summer from various islands. All activity will be on the following: CW - 5 or 25 kHz up from band edge. SSB - 14260, 21260 and 28460 kHz. QSL via K8LJG. He will be operating from the following islands:

June 18-25	NA-110 (Hilton Head Island, SC) signing NE8Z/1C0 and/or NE8Z/4.
June 23/24	NA-058 (Georgia State Island group) signing NE8Z/1G0 and/or NE8Z/4.
Jun/Jul/Aug	Various Canadian Islands in Ontario for the Canadian Islands Award (Dates unknown). Signing NE8Z/XK3/M and NE8Z/VE3/M. Using a 1kw + TA33 on the car!
Mid-July	NA-139 (Maryland State East Island Group) signing NE8Z/1M3 and/or NE8Z/3.
Mid-July	NA-140 (Maryland State West Island Group) signing NE8Z/1M3 and/or NE8Z/3.

YA, AFGHANISTAN. Right after OPDX went to print last week a station signing YA/RW6AC was reported on 14226 DX net on May 22 at 2345z. There were no other reports during the rest of week, but it has been indicated that this station will be there through the first week of June.

FAX YOUR DX INFORMATION NOW! Faxing is available Monday/Wednesday/Friday from 0430 to 2330z only. The number is 216-237-8208 and the FAX card is sharing the same phone line as BARF-80 BBS using a data/fax/phone switch.

Excerpts and distribution of The OPDX Bulletin are granted as long as KB8NW/OPDX/BARF80 receive credit. To contribute DX info, call BARF-80 BBS online at 216-237-8208 14400/9600/2400/1200/300 and leave a message with

the Sysop or send InterNet Mail to: aq474@cleveland.freenet.edu or send BitNet Mail to: aq474%cleveland.freenet@cunyvms or send PRODIGY Mail to: DFJH48A or send a message via packet to KB8NW @ WA8BXN.OH.USA.NA

/EX

Tedd Mirgliotta KB8NW
InterNet: kb8nw@barf80.nshore.org
Basic Amateur Radio Frequency BBS (BARF-80) +1 216/237-8208
"Totally devoted to Amateur Radio" - 24 Hrs a day 8/N/1 14.4k-300 baud

Date: Mon, 30 May 94 19:52:07 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!nctucca.edu.tw!TWNMOE10.Edu.TW!
UNIS563@network.ucsd.edu
Subject: Searching for K4KTD aka Holmes Eubanks
To: info-hams@ucsd.edu

I am trying to locate C. A. Holmes Eubanks II, formerly of Cookville, TN graduate of Vanderbilt Univ. Operated in 60's as K4KTD. Any help will be appreciated.

Michael Clendenen
Taipei American School

Date: 30 May 1994 16:17:19 GMT
From: pa.dec.com!oleum.zso.dec.com!robin@decwrl.dec.com
Subject: Shops in WA
To: info-hams@ucsd.edu

Hi,

I am currently on relocation in Seattle/Bellvue area. I'm waiting for my reciprocal permit to arrive and was wondering if there are any shops in the area. I plan to buy a small Handtalkie while I'm over here.

As a matter of interest ICOM US HQ is down the road - do they have a retail outlet there???

Thanks

Robin (GM4YED)

Date: Mon, 30 May 1994 13:43:41 GMT
From: psinntp!hk.super.net!uxmail!dma039.ust.hk!ee_hflo@uunet.uu.net
Subject: Six meter HT
To: info-hams@ucsd.edu

Are there any 6 meter Handheld radio available in the market ?

I think it have be FM. Any SSB or AM model ?

Michael Lo
VR2YJR

Date: Mon, 30 May 1994 16:30:18 GMT
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!howland.reston.ans.net!wupost!csus.edu!
netcom.com!jkauffmn@network.ucsd.edu
Subject: Six meter HT
To: info-hams@ucsd.edu

Michael Lo (ee_hflo@dma039.ust.hk) wrote:
: Are there any 6 meter Handheld radio available in the market ?

--
Yes, Azden makes a 6m HT (FM) and was reviewed in '73' magazine not
more than 6 months ago as I recall. I've seen adds for 7 and 21 MHz ssb HTs
but not for 50 MHz.

Good luck
--
Jim
N7TTO

Date: Mon, 30 May 1994 11:05:01 GMT
From: netcomsv!netcom.com!rogjd@decwrl.dec.com
To: info-hams@ucsd.edu

References <vanwagCqLJB5.Myz@netcom.com>, <linleyCqLoG3.4yz@netcom.com>,
<2sc592\$q6p@ccnet.ccnet.com>
Subject : Re: 440 in So. Cal.

Bob Wilkins n6fri (rwilkins@ccnet.com) wrote:
: In Southern California the closed and private repeaters are using one
: third of the 420 - 450 UHF amateur band. The commission has always ruled

: in favor of closed repeaters. You may wish to reread part97 as it relates
: to control of automatic stations in the auxiliary or repeater service.

Actually, that is untrue. The commission ALLOWS private repeaters. It
also couldn't care less whether the coordinating body coordinates
repeaters one way versus the other. It is the coordinating body, not the
FCC, which impacts whether or not a preponderance of repeaters are open
or closed.

: I understand that open repeaters in southern california are now using the
: local courts to issue injunctions limiting access to their repeaters.

Wrong again. (shouldn't be plural) ONE notorious repeater group is using
the courts to keep three individuals off their repeater after said
individuals engaged in certain conduct deemed by said group to be
objectionable.

: Amateur stations in the digital modes are now having to operate under
: stricter regulations and may soon require you to authenticate your
: station before they allow you to use their networks. I bet you never
: thought packet would be closed.

SNIP

: Here in the San Francisco Bay Area the open repeaters occupy half the 440
: - 450 sub band and you will notice most of the activity is on the closed
: repeaters. Join a club, join the group and have fun on a closed repeater.
: Please don't be fooled by that c in the directory. The personality of the
: repeater group should be loud and clear after a couple nights monitoring.
: Find a group you like to listen to and jump in!

: Bob

Glad to hear that it's like that in the Bay Area, Bob. It's not like
that here in Southern California. For the most part, 440 is simply not
used most of the time. Most of the activity is on the open repeaters,
but the few open repeaters are so congested that for most of us it's not
much fun. Easier to hit the band change switch and move to 2 meters
where open repeaters are plentiful and fun, and less congested.

What is needed in Southern California is a radical reform of the way 440
is coordinated, with private and closed repeaters sharply limited with
respect to coordination. It has worked wonderfully on 2 meters.

: --

: Bob Wilkins	work	bwilkins@cave.org
: Berkeley, California	home	rwilkins@ccnet.com

: 94701-0710

--

play n6fri@n6eeg.#nocal.ca.usa.noam

rogjd@netcom.com

Glendale, CA

AB6WR

End of Info-Hams Digest V94 #593
